



## STUDENT PROTECTOR STOP ARM CAMERA SYSTEM

Gatekeeper's stop arm camera system enables you to capture stop arm violators day or night with unquestionable clarity. The system uses infrared technology to capture tag numbers as far as lane 4, in the toughest of lighting and weather conditions. Gatekeeper's sensor technology detects motion and stop arm deployment, while the superior quality of cameras and imaging ensures tag readability so you have a complete evidence package. In states where legislation allows, Gatekeeper's optional TIMS software helps to automate the evidence review and citation process for infractions.

# GATEKEEPER

## SP25 STUDENT PROTECTOR

**MULTI-LANE  
DAY OR NIGHT  
UNQUESTIONABLE CLARITY**



### KEY FEATURES

- High speed license tag capture
- Unquestionable clarity day or night
- Capture violations as far as lane 4
- Fully weatherproof
- Compact, low profile design
- Sensor technology detects motion and stop arm deployment
- Works well with the addition of a high mounted overview camera

# BI-DIRECTIONAL MULTI-LANE IMAGING 10 MEGA PIXEL SYSTEM

# GATEKEEPER

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## VIDEO

|                          |   |
|--------------------------|---|
| CAPTURE                  | Day: Reliable license tag recognition to lane 4<br>Night: Reliable license tag recognition to lane 3                  |
| IMAGING SENSOR           | OV05A20 1/2.7" CMOS   |
| SP15 RESOLUTION          | 5MP   |
| SP25 RESOLUTION          | 10MP  |
| SYNC                     | 50/60 Hz  |
| S/N RATIO                | ≥50dB   |
| ELECTRONIC SHUTTER       | Fixed shutter 1/300s to 1/5000s<br>Automatic shutter 1/300s to 1/1000s  |
| WIDE DYNAMIC RANGE       | Included  |
| FRAME                    | Up to 30 fps  |
| VIDEO COMPRESSION        | H.265 / H.264   |
| COMPRESSION OUTPUT RANGE | 512Kbs - 20Mbps   |
| IMAGE RESOLUTION         | Main: 2560x1920 (5MP) @ 30fps<br>downward compatible<br>Network Sub: VGA @ 25fps (CIF, D1)<br>Record Sub: VGA @ 30fps |

## NETWORK

|               |  |
|---------------|--|
| PORT          | RJ45 Female 10M/100M x 1                       |
| PROTOCOL      | TCP/IP, HTTP, DCHP, RTSP, NTP, FTP, N9M, ONVIF |
| CONFIGURATION | Built-in web server                            |

## AUDIO

Not supported

## IR

98 ft (50m) range

## LENS

16mm H 224° V 18°

## APERTURE

F 2.0

## PHYSICAL

|                                 |   |
|---------------------------------|---|
| SP15 (SINGLE CAMERA) DIMENSIONS | 4.49" H x 2.9" W x 2.53" D<br>114mm H x 73.7mm W x 64.45mm D<br>Weight: 1.1 lbs, (500g) |
|---------------------------------|---|

|                               |  |
|-------------------------------|--|
| SP25 (DUAL CAMERA) DIMENSIONS | 5.19" H x 9.22" W x 4.0" D<br>131.83mm H x 234.19mm W x 101.6mm D<br>Weight: 3.15 lbs, (1430g) |
|-------------------------------|--|

## RECOMMENDED ADD-ONS

HIGH OVERVIEW EXTERNAL CAMERA W21 AHD



SD700



## POWER

|             |                             |
|-------------|-----------------------------|
| VOLTAGE     | POE (DC12V Nominal)         |
| CONSUMPTION | 9.0W / IR ON<br>3W / IR OFF |

## ENVIRONMENT

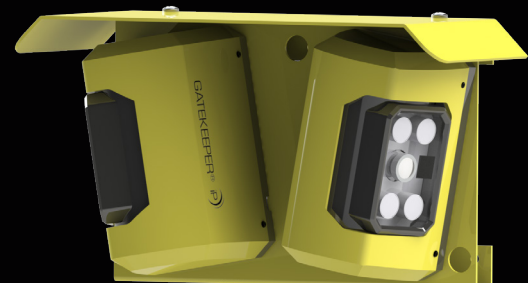
OPERATING TEMPERATURE -40°F to +158°F (-40°C to +70°C)

## COMPATIBLE DVRS

|      |                                      |
|------|--------------------------------------|
| SP15 | 508HD4a<br>504HD2a<br>504HD1a<br>Y35 |
| SP25 | 508HD4a<br>504HD2a                   |



Vehicle from lane 4 with visible back tag captured during the day



SP25 STOP ARM CAMERA